ABSTRACT OF THE DISCLOSURE

A fully automated computer controlled system is provided for adjustment of neurostimulation implants used in pain therapy and in treating neurological dysfunction which includes a patient interactive computer, and a universal transmitter interface integrally embedded in the patient interactive computer or built into the antenna which is capable of stimulating any type of implanted neurostimulation devices by imitating programming codes. The patient interacts with the system through the patient interactive computer. The universal transmitter interface includes a direct digital synthesizer, a transistor circuitry driving the antenna in ON-OFF fashion and a gating unit for driving the transistor circuitry under control of the processing means in the patient-interactive computer. Alternatively, the universal transmitting interface includes a balanced modulator for modulation of the carrier signal generated at the direct digital synthesizer.